NOAA Small Boat Safety Program
Class A Annual Small Boat Evaluation Checklist

- Annual Small Boat Evaluations (ASBE) are inspections conducted by Vessel Operations Coordinators (VOC), Commanding Officers (CO), or their designee(s) using the approved ASBE checklists and outlines.
- ASBE checklists have been condensed from detailed ASBE outlines for ease of use in the field. Evaluators shall use the checklists during the inspection, and shall refer to the outlines for additional detail as needed. Evaluators are responsible for all information contained within the ASBE outlines.
- ASBEs are required annually.
- The ASBE outlines and checklists are based on NAO 217-103, 46 CFR, 33 CFR, NFPA 302, MARPOL, ABYC standards and recommendations, USCG inspection criteria, and standard marine survey practices.
- Some items may not apply to all boats. Evaluators are responsible for determining applicable items. Consult NAO 217-103 for equipment carriage requirements. Installed equipment in excess of requirements must be maintained to inspection standards.
- Completed evaluation checklists, reports, and records of findings and recommendations shall be signed by the evaluator, and signed and retained by the VOC/CO with a copy forwarded to and signed by the LOSBO. Notification of the evaluation will be reported to the NOAA Small Boat Safety Program Coordinator (SBSPC). Reports shall be generated when numerous or significant deficiencies are noted. Reports are then forwarded to the NMAO Fleet Inspection Office via the SBSPC.
- The NOAA Fleet Inspection office (757-441-6766) and Small Boat Engineer (757-441-6202, sbp.engineer@noaa.gov) are available for additional guidance.

Name of boat	
Date of ASBE	
Evaluator	
Year / Make / Model	
Hull ID / registration number	
Owner	
Place of evaluation	

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Hull material / type	
LOA / beam / draft	
Displacement	
Engine(s) year / make / model	
Total horsepower	
Fuel type / capacity	
AC / DC power	
Operating area / primary use	

Required Documentation	**Sat**	**Unsat**	**N/A**	**Comments**
Records of previous inspections	☐	☐	☐	
Stability log (installed equipment, modifications)	☐	☐	☐	
Risk assessment	☐	☐	☐	
Operator's manual	☐	☐	☐	
Records of annual fire extinguisher servicing	☐	☐	☐	
Stability				
Capacity plate (manufacturer or 33 CFR 183 Subpart C)	☐	☐	☐	
Boat within capacity	☐	☐	☐	
Life Saving and Emergency Equipment				
PFDs (number, type, condition, spare CO_2, re-arm kits)	☐	☐	☐	
Visual distress signals (number, type, condition, CG approved)	☐	☐	☐	
First aid kit (adequate, not expired, properly stowed, labeled)	☐	☐	☐	
EPIRB / PEPIRB (registration, battery, hydro release, test)	☐	☐	☐	
Cell / satellite phone (check battery, test operate)	☐	☐	☐	
Emergency sound signal (condition, can be heard at 0.5 nm)	☐	☐	☐	
Emergency oars / paddles (condition)	☐	☐	☐	

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Fire Protection	**Sat**	**Unsat**	**N/A**	**Comments**
Portable extinguishers (proper number, type, condition)	☐	☐	☐	
Navigation and Electronic Equipment				
VHF radio (number, type, DSC, test, battery)	☐	☐	☐	
Navigation lights (conform to current USCG Navigation Rules)	☐	☐	☐	
GPS (test operate, check accuracy)	☐	☐	☐	
Ground Tackle				
Anchor (anchor and rode condition, sufficient for operations)	☐	☐	☐	
Bits, chocks, cleats, etc. (not broken, corroded, etc.)	☐	☐	☐	
Hull, Deck, Fittings, Watertight Integrity				
Scuppers, free ports, etc. (unobstructed, performance)	☐	☐	☐	
Interior structure (corrosion, broken welds, deformation)	☐	☐	☐	
Deck fittings and equipment (labeled with SWL, condition)	☐	☐	☐	
Metal hulls (corrosion, pitting, deformation, fractures, etc.)	☐	☐	☐	
RHIBs (sponsons, patches, valves, PSI test)	☐	☐	☐	
Fiberglass hulls (delamination, blistering, moisture, cracks)	☐	☐	☐	
Outboard Engines				
General condition (damage, excessive oil, dirt, corrosion)	☐	☐	☐	
Belts and filters (condition, filters replaced annually, dated)	☐	☐	☐	
Oil (condition, level, test if needed)	☐	☐	☐	
Propeller / lower unit (general condition, damage)	☐	☐	☐	
Engine horsepower within limits listed on capacity plate	☐	☐	☐	
Throttle has noticeable detent when shifted into neutral	☐	☐	☐	
Operational test (all gears and speeds)	☐	☐	☐	

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Outboard Engines	**Sat**	**Unsat**	**N/A**	**Comments**
Engine controls, gauges, indicators (function normally)	☐	☐	☐	
Fuel System				
Tanks, piping, hose, fittings, supports (type, condition)	☐	☐	☐	
Flexible non-metallic hoses (approved type, double clamped)	☐	☐	☐	
Fuel gauging (appropriate method; gauge, graduated ruler, etc.)	☐	☐	☐	
Vents and valves (unobstructed, operate properly)	☐	☐	☐	
Filters (Replaced at least annually, dated)	☐	☐	☐	
All tanks and pipes bonded to common ground (integral tanks)	☐	☐	☐	
Steering System				
Foundations / mounting bolts (condition, intact, secure)	☐	☐	☐	
Control linkages, linkage pins, ram guides (condition)	☐	☐	☐	
Potential single point system failure items (condition)	☐	☐	☐	
Locking devices (cotter pins, etc.) on all vital connections	☐	☐	☐	
Electrical System				
Cables and wires (damage, condition, discoloration, etc.)	☐	☐	☐	
Cable and wire supports (condition, do not cause chafing)	☐	☐	☐	
No permanent “temporary” solutions (extension cords, etc.)	☐	☐	☐	
Shore power connection and cable (condition, damage, etc.)	☐	☐	☐	
Switchboards, junction boxes, panels, inverters	☐	☐	☐	
Switches, breakers, fuses (labeled, condition, etc.)	☐	☐	☐	
Ground detection lights (working, no grounds)	☐	☐	☐	
Over current devices accurately identified	☐	☐	☐	
Distribution points (ventilated; shielded from water, debris)	☐	☐	☐	

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Electrical System	**Sat**	**Unsat**	**N/A**	**Comments**
Instrumentation (meters) (working, calibrated)	☐	☐	☐	
Controls and meters (working, accurately labeled)	☐	☐	☐	
Batteries (condition, damage, corrosion, ventilated, etc.)	☐	☐	☐	
Battery terminals (connections secure, covered, type)	☐	☐	☐	
Battery trays (resistant to electrolyte, condition)	☐	☐	☐	
Ammeter (operational test)	☐	☐	☐	
Ventilation (sufficient to dissipate charging gasses)	☐	☐	☐	
Charging system components (examine inverter, etc.)	☐	☐	☐	
Markings				
Boat is marked in accordance with NAO 217-103	☐	☐	☐	

Evaluator: _____
Name (print or type) Signature date

VOC / CO: _____
Name (print or type) Signature date

LOSBO: _____
Name (print or type) Signature date